dissertation upon Artificial Brinks

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Artificial Trunks msylinnia 1823 left int Im

Remarks on artificial Frinks

In the present paper of to not expect to effer any thing either original a interesting a that my amounts ball in any Egica to communicate with the importance of the surject. I have burn install to a list of in proposers to other that were suggested, because as a whole I believe it has not necessary that peoples could almoston which the Middle importance describes and to exist others to the consideration more adjusted of Dainy II profile.

To treat the subject at largeth would fill a column and swell for buyond the bounds of a moverate. Thesis, that we fear that the meetpary undersation of mother within propor limits will make my ideas appear obsure and un-

-connected?

all Prinches may be justed into two gains defores - Hirst Matural winths, - which are such as opic in peopletion in mature independent of the ingeneity of man Second Onliferal runks, where peopletion is relative and append for their production when the ingeneity

and Milke Their consumption is a dictate of instinct. The species included under the sword class are almost innumerable, and

In breating the subject we will include our remarks under the three following owisions - No - 1th The courses which originates and continue to support the popularity of artificial drinks generally - In Their composition - 3" Their effects upon man, principally with a view to their Mideal application It would certainly be a difficult as well as a very unprofe - itable task, to indeavour to have to their origin the vast variety of artificial Drinks. For sweral reasons however I think we may fairly conclude that man hat not long occupied his present residence, when he began to exercise his inquality to produce something more palatable and exhibitating as a common fruit than simple water. His invention were in the savage states, is quick and energetic to produce what Localities; in order to preserve health and increase the sum

pared from some product of their own soil popeling ather Stimulating, Rareotic or other supposed Midicinal proburlies. How a drink must papels either one or other or a Second Because the materials of some of the most palatable Southern portions of Europe and Asio; parts of the world fout would be made to preserve nech a delicious fruit in some form from season to season. The expression of the juice in which its flavour principally resides, would readily suggest itself; which by a spoutamous process in a mild dimate would produce that discreedly popular Drink - Wine Those drinks prepared by Infusion and Dischon, on acwent of their simplicity may also be referred to a very early date; artainly long before hore prepared by distillation and

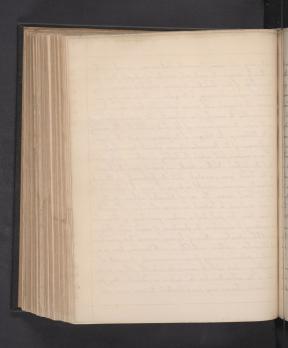
lug . de co tie other complicated precipes in which to assure access the new of large experience and minima resonance would have bun around taken mayory. If this we are contain, that he stort waterings made of hard stored familiarly of wine as a drink large known and in commen was

"The terries which your vision and able entires to such bort to popularity of textificial bucks are very missioned to present to exchain the angular history of them. Their force and reflective, went of menting more against more the boards of his breakhor, went of pound, and requires more thing and teleute them I have at my distribute. Purtle beings in material trees which appears to me the most observe and influential." Here is no set for a whom author observed that so peithful in property is not present of a material being as the opening the end of a material being as the opening the end of the consistency of a material being as the opening the property of the consistency of a whom the property of the consistency of the transfer is not in the other to require some the causes; it will be meety any to examine the human according to the consistency of which is consistency to examine the transit of the consistency of the transit of the consistency of the transit of the transit of the transit of the consistency. I will be a deliver in Southy. Produced all temperatures of the order of a deliver in Southy.

Olimate yearts a powerful influence upon

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loth lody and mind, Insomuch that we are almost with artainty assign the national araster of a people from a knowledge of their climate. A warm sun and a serene sky, Dispose to sluggish and morose habito, and her concomitant Swares. and the swrity of an extremely with climate, preggy up as It were the very sources of life and intellect. The vivacity of the Halian , the phlym of the German, and the posen indiference of the Kamschadale, are almost provertial. H'is a curious fact which the history of nations fully exhibited, that the farther North or South we proceed from the limits of the tovid your, we shall find the propersity for Stimulas gradually increase, except so far as it may be influenced by slight Plocal courses. The use of Nanoties appears partly much confined to tropical or warm climates. It would appear from this fact, that a certain quantum of Stimulus is necessary to maintain the functions of mind and body in complete operation. You if by any means this quantum of stimulus is either with lets or with Irawn, there is a something which will be neve or less distinctly felt, in propose



to enalyze the sensation. It now theless becomes a source of action, and by it men are prompted on continually indiavour ing to find out something that will relieve this state of vacuity and listlessness; until at length gladdened and re - lived by the intoxicating draught - they find their authorte a cold and damp climate exerts perhaps a more powerful influence in this respect, than any other; and satisfactority accounts for the eagurness for stimulants which the inhabitants of such situations so strongly manifest. In the Toried yone, stimulating frinks are not so popular as those which contain an and or Marcotic principle. There the calorie of the atmos phere is a stimulus purhaps more than adequate to maintain the standard of health, and it is a distate of common sense confirmed by experience, that those drinks which are cooling midicated drinks prepared by Imperior and Otherwise, are com-- more to all climates. Because there is no climate fee from disease, and Dink as a minstruen or formula, in all ages and countries has been one of the principal means to afew against or conquer it mas a Station in Society is another unote cause that youises a very powerful influence upon this propunty. By Sation in south I mean the different shades of national caracter, which owner between the extreme

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of Brahmison and he are hand, and its opposite of aforement on the other. It is a familiar line have ophicage stip find all manys and of ophillimating and interpretating legame. Their ignorance, the classed of moral archaect. Their lay habely, and their law of senseal gratification, mainly secret for it. Bed as are exerced the real of indication, and their law of senseal gratification, mainly full the force of moral moral and another or and more homes fruit, full the force of moral moral moral moral moral and moral moral properties, and we seem and a worker of sense for stimulation of a the rate, and we may say that the properties of moral of the material to a moral moral of the will not held, and we may may say that the properties to morally a train and the properties to morally as the male will not held, and we may may make the first and will not held, and we man moral to be really and we may be the will not be the properties of a functions. I compare the

Weath being me of the choicert blipings which haven has no twind about man, and the president of the whom which almost all other temberal myon ments are bard of many he considered may properly to more great men in the multiple them of individual happings. The presentant when hopeing and the arrange and dividend that are dijust of solutions which to the sweage and dividend man. Danse with the product of way almost and of every sail. It seems

who were be considered your brokents it since was about in who will be a superior with the superior will be and it is the saturation of the same of the of the state of the second will be will be seen to see ting the discount of the stands would be the

Southfield with the very contribution of men, and to have been ese coval with his existance. Among the earliest and simplet means which were employed in combatting This Hy drags we find Midiated Drinks conspicuous. In almost wery Viscose thirst is a very prominent and dutressing symptom, by which nature would seem to much out the remoney how the feel of the disease that Instinct uncontrouted wants point to Drinks as the object of this sensation plain water being its natural autitote. The important advantages which are to be gained by employing water and other plusts as menobica, whereby various substances which Visurered and July appreciated. Home at Different poriods of the world, certain compound drinks have agained such an anited reputation as to have been considered Panaceas and four the aurents which have been transmitted to us by some of their more sauguine domirers, we should be induced to blive that they populate the power of renewing age and undering the material man immortal - Hiserrity our bined with the prejudice of ignorance, Philasethropy or a view towards private implement; have in all ages compired to multiply the number of artificial Medicated

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Muchon. The Sochine of Uniperaments although an ingenious, understood - Houginated when erroneous, and encorrect thereis concerning the furthous toth of mind and body, and an abound system of Pathology was maintainer. Therefore we cannot expect that it should mow retain its former reputation although writers upon the subject can draw those distinctions, - Delineate and combine those traits of caracter, - and dis they affix the name of some particular uniforament; their conclusions are more speculative than practical. meanse it is very rare then we can find an individual, who will answer to any one of those caracteres; bridesthe constitution of every men has in it something precediary and the whales of caracher and constitution blend so insunsibly with each other that distinction becomes difuett. Hence the original propensities and inclinations of men are as various as their counterances, and their predispositions towards Every man however in his intercourse with society must



Dute to exage in Thursday them throw moral archainst hung great. The conclusion will follow in course, that makes thushow as parts or puedes hundrement must be shighed as me of the course of the Shighed as me of the course of this Shighed as me of the course of this Shighed as

The the Wellephinary russeal grady find from laster seed the speak by bounds - Barrer and Welle good on another to follow his bounded as you and her Evenie and the Shaw because the case will be grown dispelling draught and for another across the weathers the less that I receive the boundard dies of his will genius. The Solies and willow in their custo and are again thin Dails of Paring both of solon in their custo, and are again thin Dails of Paring both of Solies and the solon of the solon of the world the solon of the world for the solon of the world and the former of fortunes. Whele shifted from words and the former of fortunes. Whele shifted from words and the former of fortunes, - Whele shifted from women to make the world for more about to being a him their Mohr worth.

Frontly - The influence of Cisoline and Mahil of on all our actions are very summahable - In none perhaps more so There is one employment and consumption of white indicates the form our carbitist inchange we are babitantied to there were to the test on her we arrange to materials a babitantie to their weight of the consumption of perhaps of the consumption of the second of perhaps of neurolands at their tests.

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are agained and conformed; the artificial constitution of un may be ablessed the town; is formed, which bears with instruction or own requires for the regular performance of the furnitions the commission of injurious or personance with

salutations of health with a pient, without introducing the bottle :- or omit it without suffering the imputation of a want of hospitality or liberatity & Post brause we live to ful the influence of artificial excitement, and there infor the same of others? The temperame and solviety of thousands who in this respect kip the supplie of tyrannical Custom, why the libber and sot should bres his fellow to worship jockey when they ply their intended prey with Minutes - Or that rulgar souls should will their votes for rums. There are readily understood, because they operate whom the papious and propunities of the predisposed ? But the migma, of reasonable and temporate men, presenting Jan grows and siduing temptations to others of the same Esserip

Dischous the motion may appear, it mouthely must be schemed light by your the slightest observer, to have been from time immunicate a very pour ple influence upon the markey with a praid vailety of armativest. Sinches, Now of we add to this cause the influence of Nation in society present in and to the cause the influence of Nation in society presentation and were of Discare. I hundred, and should be upon a society of which is a security for the rigin. I continued popularity of artificial Discho generally, or or

The neight Swissian of the subject which we prome to consider, in the project and position of subject of subject which will be proved confusion in the analysis we will make them with four clasurably that the analysis we will be made them with four clasurably that Somple formation begins and seasons which sometimes and seasons of such a

In this invaligation of the component parts of their small classes of privates flow and instead to entire into such minutia as would served the manual of a street chamical analysis; that many to glance at some of the most provisionent mystical to which as to he found in the most privates which are to found in the most privates which of the reveal classes. And found of the two the part of the surface of the reveal classes. And found to suffer the other than the surface of the reveal classes.

pedominant and indeed the only active principle which they outain. It montheless requires a complicated process to produce them; for they have not only to unergo the process of former when formed from a large quantity of water and vigetable matter with which it is combined. It is true that each Siffrent spices of this class of liquors, is distinguished by some it is produced, or from some other circumstance connected with its manufacture. Thus the apple and peach import Their puntiar flavour to the liquors produced from their distill show - Rum contains the caracteristic of the Sugar care,. and by an attention to this fact the experienced Fram Sinker, can tell to a partion the ingrisients and their proportions from which Whiskey is manufactured. - His & for each substance imparts a pullar flavour, which is readily all distitled liquous may be said to contain four sub-Jaines - alcohol - Water - aromatic oil and alcohol is that principle which gives them their

comparative specific livity, and upon this consisteristic is constructed a machine to ascertain their relative strungths Hereaper rapidly from the other ingridients when exposed under the common pressure of the atmosphere, but still move so when that pressure is removed. atthough a stimulant, when rubbed upon the skin it produces the sursation of cold on account of its rapid waporation, - thereby rubbing the part of its calories of temperature. It is also upon This primiple that the intoxicating power of Distilled liquous Separa - This is proven by a very simple experiment - Let a pation of my hint of sports sufficient to intoxicale a per row, stand for a few days in an open vessel the alcohol will gradually escape, and if then drawk it will produce little or no effect. - By what peruliar mode of action alsohol produces intoxication, like many other subjuts in Wediene is unoticed in speculation and uncertainty. It is generally asknowledged that it acts by its stimulating power upon the nervous system . But whether it makes to first impression apon the stomach, and its effect is afterwards continued by the stimulus entering the circula tion, first exciting and then debilitating the system; On whether it is by survous sympathy, - The impression being

1 le ho the most of he more and lengt when healther and then one manical to the nort of the system by monthity, while the manical to the nort of the system by monthity, while to be a the standing to be consistent. We cannot explace to assure at tents when the or any other subject, so long so Paysiologists appearament with a case of the subject, so long so Paysiologists appearament mines to a say other subject, so long so Paysiologists appearament to receive one of their own; there is travely appearance, for experiments seemanthy and importably preformed; and fine will extend to the experiments seemanthy and importably preformed; and fine will extend to the experiments are of precovered and framewhat some somewise the Public observer.

Bellie sinious which hammels own genius itself, and charge home carlle history will care. When a man consistence to be useful, and goes no parther. Have pits will bear him out, he is constructed as dell fait with him only bring forthe are injections though whom some popular subject, immeratively his family orders are not lite there is a honorist with the Haltering allribute of briginably he honorist with the Haltering allribute of briginably

But to return Water also forms a large four form of were the Amount of military guess made in water It Do not be explained a mit with able to hear the Hoston of so presented a simulant so without deather

It is the only ingressent in this class of house, which my groundly to the applied to the purposes to is hich they groundly are. Notice was a region originally for the use of all as in all the certained to all go and supply the continual weather of fluids. More and of all the certainer, in the only being that has departed in this respect from the design of manufact that have about his investigation and touties his giving, but him will be his all the improvements of and are reserved. But to his all all the improvements of and are reserved. But to his me all the improvements of and are reserved. But the all the make and form the grant property and provided and the continues and the adoptional distribution that were have

Coplining water is not an executed considering of artitles lighten a but on account of its showed universal process of Distillation, all the valability and on the it. In the process of Distillation, all the valability and and owned of the water pasts are a function of the clowing matter a videous on the still. But almost all ligence by large large host for a water cash, been a clowed by opticaling that free of mether have the wase. The accidental colour ling a good witness of this way, which improves their greatly any much and or aware their processor, and or aware their greatly any much and or aware their greatly any one of the article by

ertic dines Rigin w/u abusing them artificially. Her has insure house account for its general preserve in them. But so for as I know, it has most made in the influence their effects, audits the matter whose was white properties than how in whose was whether properties than how in

It is away to be presence of one dramatice or work to be in a with the light of severe that the polyty severe have before mentant a repetitive the minute of membration and generally near on mention when earth the deletts, and all generally near on mention where with the deletts, and all point of the many to obtained in a concentration and separate from by distilling the according to a concentration and supported principles of which it alletts soon after paging over. These onto have some to alletts soon after paging over. These onto have some to worked . Some of their time to be considered, and some to worked . Some of their time to be a deaded. Some of the time so for any when we were the relief in the others may be must be as we have so we have me entirely invest. There may be must be as a worker of the must energete and any granish articles of the Medicia. Medica

Se shall most imiden that class of interferial ainther - called Math liquous - They model to hake their origin at a much later pound than simple formented or where minho- Busins on account of their complex

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composition, for their production it required not only know leges in some hander of science, the cultivation and Swelopenness of which are traphies of motern times a substitute for wine in there countries which at not produce the grape, would be eagerly mught after Some Frink which like that popular burrage, would combine a mito stimulus, wholevome nourishment, and an agreable flavour , proporties which never outs be united in arount spirits, because of their inordinate. improvement, - at length such a substitute was produced with has been revidered so far subservient to our wants in inclination to pursue the comparison, that it would not be a very difficult task to prove, that malt liquers qual wine in all and exact it in some of the of

while attributes of a perfecte direction of Matt lines on Metal lines on Matter backerine and develor Sactor Colouring matter Sacharine and permanence matter and personne and good

His To tetion bathey to is the gen hum tal athibetic of a popular Died

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His not mustary for me to repart or entarge upon what Power life and of the three first ingricials, when speaking of tentiles Guerre because these immerses are qually abothe table to the class. She will it to encounty to found out the alatine hospitalists or other remains a fine and any interest inclusion in the informat instruments and the general or the information is the same.

The first process in the manufacture of Mild liquenes of a generate the suchainers maken. The is accomplished by theiring the grain of inhadeur hand it may be from the it is the grain with the figure is to be produced on such insummations. That it will be added by the specthanism for much after the principle to bridge a such account the principle to bridge in such after the registering on the the principle to bridge in such as such around the property of the such as the suggested on the such as the property desires of the such as such as much the problem. As particularly a such as such as much the problem of the problem of the such as the formation of the such as the su

suspected in it when easily for consumption. This gives method performer above much others, he were in a given grantly they contain more more consistent to the observables. If Themselven munitimes the fact, that the ale and however stood more operations to the observables of fractions of the theory of the order of t

University is a hundran botter marchis and autorifities from a song abundantly on the hope that inchession of the leafy life of which is 2000 to the worst after it is boild. It imparts an agraphic around the worst after the worst after the boild. It impersions to be greatly by of hope above. But it is not on the second alone, that would be made to majorithe a most a song that a marchist and they would be made to majorithe a most on the second of his worst leave. Her chann without it mended by many similar to Marchiste and prohaps and much its inform. Many worstless and prohaps and much its inform. Many worstless and prohaps and much its inform. Many worstless within it thinks for it, but on account of their generally within the completionally included in the completion of their prohaps within the transmitted to the worstless worstless when we consider the worstless worstless were the worstless would be about our marchis present within

It is this in the form of Opium and its preparations, that waster the nick and Mahometan for the want of wine, the are of which the austruties of their religion fortist. This reconciles the wat to his dreary raws, and the Persian to a disportic typiony; - when they crown the cores and toils of life in profuse Traughts of Banque or Coquie nar ... It was this that gave the charm to the pocula. a slubing out with which it was curtomary for the anients to heat their guests, immediately before retiring to rest - and it is this principally, which entitles matt ligure to their present popularity, - gradually supplanting their intoxicating rivals. They pople a mule stimulus, combined with a redative, soothing, anyular, and over artion. Persons who drink her or porter which in consequence of an imperfect formentation, a from being to long offore to the sir in an open vigel becomes flat and dead, universally ful heavy and inclined

to sleep. He only stimulating power which mall liguers probaby show upon their alcohol and Carbone and gas, both of which are watathe and some make their except, having the tener without a country gest to it is not volatile the return the water to country and and onewhater will be a consequently to offers will be more immitted to the consequently to offers will be more immitted to the consequently to offers will be more immitted to the

carring the prince of from whater or prince in Melt ligues are measured in the form whater of the head he freshows are the what without the head he have and for our whater with the head waste of for our whater which has somethed here preached with much by the questify of gas which they contained, for without they would be insight and important without working all he often importants in the proportions of in large what he importants our homewant of his romain has insighted that the gas can he received as largely with the stormach of the majority, when it amount he heather was for a meaning to what it was compared to the heather was for a meaning to what it was a most of heat of the waste of the wast

only harmless but were salubrious. Wift of Simple formanted dinks - allowed They are a very important class, we cannot Quell upon their anapasition. They are all produced from the formertation of the juice of untain fuits and vigitables, ather ditutes seed gas -, an uncouldined acid, - and wrain ny stable principles, which characterizes the fruits from which they are Thained. The nature of this last component part notingueshes hem from matt liquors, and from each other -each retaining some laste, flavour, or purling proporty of their base . The different spices and individuals under out under them are almost innumerable. Every country furnishing some drink of this description, builtar to thelf . Their alcohol is more viluted their that of around reports, builes its effect is much blunted by the very considerable quantity of saucharine and other mutricious matter which many of them contain. a greater or lip dyree of saidty is found in many of them, which is nometimes an original contituent of the funts which produce Them in others it is the would of the author formentation Wens and afters one good examples of this, some being

free See less End Dia with with nessi in waity is found in in/s august august

the Infused Frinks, it is impossible to give any satisfact. my analysis, without whoring into a detail of themely minute ind taborious, including nearly all the minution of regetable Thymistry which for weral reasons it is combined and modified? Many articles of the Materia medica are administered in the form, in regular practice and some, and the remidial effects of others are much assisted Giaphareties. In Tomestic practice it is almost the only mauner in which medicines are administrate , various

tao hing favourth proviptions. I am of opinion that it would be not only more officered, as well as a much rafe parties, if middling musso and middling gracks would been completely the neighbor of Bangrado, and out their simples entirely. For pare water would offen hagood midween and belower prove injurious.

From the precising remarks whom the composit lion of artificial druids, it must appear that their effects upon the system will be very different, variously modified by a thousand circumstances relating to great ity, - quantity, - Qualion, - Wiseway, & sometimes insuring fairs at others removing nouses of the most irret water and Dangerous characters. In the three part classes of Finks which we have inumoratio, about being the most active ingriduant; the most prominent effects produced by them must be refferred to it agency Keeping in mind however, that it is much modified by the action of such other principles as are associated with it. He offets upon a healthy subject unace unlimed to its use, may be infinitely varied by the mantity taken and the length of time it is continued The first effect of a moderate portion, is to produce

will live the great retire ingelieves the west bear into to Taking in mind havener that it is much in a colonie to its une over be intent 1 months It first alist of a minute hostore, is to produce

a cheerful histories of countenance and complete. tranquelity of mind. The powers of the immagination are increased, and the flow of animal sports more rapid and easy - Conception is quick and ready, giving in eary with to wit and humowe - an agreable heat thrills through every fibre paid muscular stringth is increased or recruited. The sparkling eye, - The flished sheek and emiling countenance , give Emonstrative widence of an increased action of the heart and enteries, and a more rapid irrulation through the smaller vigils .- It injuses a roul into the www. heart, and plants home upon the poor mans how become boistrous, - some are sullen others laquacious; and this stage continues for some time, but the system gradually sinks and slup follows, which is sits on either sound or repushing. But if instead of stopping here the dore be very large or soon repeated, a law muthring or furious delirium comes on, or a state of partial or complete insunstitity. Emetimes advering Coma, apopleyy, or even death. Immediately when a person awakes or is aroused from this Note of insuribility or slup, which is the

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natural birmination of way drunken paroxym, w which organic Evrangement has not occurred, a long train of symptoms make their appearance, widnisty arising from and showing the existance of bady and mind. Some faint resollection of the hast plantes aeros his memory, and if he is not an hab that transgressor of the rules of temperance, his pale and langued countinance is sufficient for a moment with the hethe blush of shame. Nort succes pale remove - So true is it that public opinion exerts the and the moral sense occupies but an inferior and sword any station. If he attempts to confine his thoughts to any one subject he firsts it impossible. His Dear are so confused, that if he produces any thing it is as grumous and muddy as the troubted foundain from whence it flowed. If he is naturally hypochon Driac, he is now unusually so. His immagination onjures up from the varty deep, lyious of huge and Down phantons .- Spectes and fughtful forms pas a rapid succession before his view, until at longth he affrighter soul, conversant above with the forms

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of dwils and damnit spirits, prematurely realizes

the torments of hell trell

The consequences of Debauch are permisses in the extune, but have much must they be increased when excesses are prejuently repeated and brome habitual? The mind browns Debilitated and callous. It shikes at fatal flow at the honour and respectability of priends and relations. Sours assurder all the ties which find happinels. It not only produces negative wit, by unfitting the individual to perform his relative duties, and fulfil his Nation in society; but also wiges him to the commission of crime, in order to repair a ruined fortune and gratify wil passions which are thus enjurdent and for tout? Sie firmly believe. that intemperance, may be justly assigned as one of the primipal causes for the commission of many vinus, this investigation of which outry our crim wal worth and their punishment fill our pen strutiaries. Such are a few of the moral effects of intemperance. He mind annot suffer without in some degree involving the body. But in addition to this mondary effection, the body always suffers premarily.

Some of there wils, are so sudden and fatal in their termination that they seem like the special judgements of heaven marking out the housgripion in the mode by which the bransgrepor is parished. How often is Buth immediately produced by excess, or by some account hat would not otherwise have occurred. Many cases are recorded of persons after having consumed large quantities of alsohol, ling completely wisumed, having rearrely arentige of their badies - several ruch are related in the medical museum. - But perhaps the most injurious Meto of alcohol whom the nighting are those which are show and gradule but not the his contains in Their operation. The system under its habitual action grad wally loses to resceptibility to common whim wants. First one part of the martine gives way, and then another, until there is a complete write of the whole; exhibiting a most lamentable and generally irreparable make of disease. It would take a volume to contain in account of the various diseases, The production of which might be referred to intemperance. Some of be mad promunent are apololyy - Paley - Conviloious - Maria - Dirpeprio - gout - Phrente - gardrehs -\$ \$. But the qualty contain, and more common

effects of were one rebauch are , a pained heat, are inflammed witnessed to need Discreption. The outlet to mortality Every person must be convinced, that the use of stime when is much more prequent there nature Imanos, if not too pregnent were for the purposes of conviviality and mirth. For now instead of being alone enumerate among the articles of the Mahrie Misica, and confund to the bands of the apothury, they claim without a block a signlar station, as well upon the shelf of the witheyer is the weboard of the operaturt. But upon the other hand. Our original proprienties, the universal practice of marking, and the best midual authority, all combine to convince us of the neighby unive certain circumstain us, of occurionally adding or subtracting stimulus. and for fulfilling the former indication, alcohol is a very efficient means. Not perhaps in to pourt and must weentrated state, but in such coin lination to may sufficiently Vilite it, and runder it otherwise ather more convenient, oficient, or agreeable Hor the purposes of medicine of is administered in various

Mily beh of the last to no buci it, h mont me me

although almost all the diseases with which we sufiteting heatment; yet if not soon subsued, they very preguently Degenerate into a state of feeble action, in which the course first pursued would be highly improper, out, or by exciting an inoppatitle action completely subout it .- To accomplish this object some and drawt spirits, have been much employed. And when under the contract of a sound and Siscerninating ojudgement, with the most would the rucels. But unligh we attend partie warly to the existing state of the system, we shall not only a isoppointed in our expectations, but perhaps young practitione " his labor has open ext. " so In cent of alcohol, except in extreme cares of Typhus

or low actions, will be found preparable to ardent operation, and more permanent in its effect. It also contains much nowwhing matter; which toos to countract in some measure the powerful action of the alwhol, and hing it more within a proper controll But in strong marked Typhus cases, wine will not be sufficiently stimulating and we must resort to Brendy or other Drinks of the same class. Under. by formuling the patient with it, preventing was nation as much as possible. It is sometimes were nee ivery to render it more Annulant, by the addition of Cayume pepper - Camphon, Is and this practice is not only Drocated by Brown and his numerous disciples, hat I is also recommended by many other respectable authorities, who are directly opposed to mart of the principles of the Porumonian rystems. Whichol is also used as a topical stimulant, to produce increased whiteial sacks, by exerting inflamation and adherion Www their suglaces. It is rometimes employed as a refrigerant, - to reduce the temporature of particular

story above when the wo the ca

that of alcohol is estained, by its rapid absortshow of calour Juring the rapid evaporation which occurs, when a few werent of air is admitted to a surface mois and with it, the calorie becoming latent in the rapour On account of its solvent Journers, and the property which it possesses of remaining liquid in the lowert temporature, it is much employed in Pharmaceutic presonations. So much so indeed, that there are but his of our liquid mediciones that so not contain it. Southters many of these owe much of their activity to its influence. Because on account of the consentrated state in which it exists in many of them, and the the passons The alcohol alone exclusive of the other substances forming the compound must produce very Suided effects wither organious or remodeal as the natur of the case may be . - The quantity of ardent sports unually consumed in the United States is enormous amounting to fifty or sixty millions of Gallons. This is uguine how much , either doretty or inscreetly they

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contribute by the form of their prescriptions to give it extension. There are few midrienes which with not he as advantageously administered in substance or watery solution, as in tireture. Had habits are easily agained and very difficult to evaduate , we should there for cantions by guard against theme. Many Diseases have been attributed to the aguny of Firmenter and Matter liquers. Some perhaps justly - others without the slightest foundation. Those which contain a large proportion of alcohol may eve tourly give origin to all the unjurious consequences which generally its relative proportion is so small, that intox instion is not procured by the quantity that care be con remembly received into the Somach at one time. Firmento liquoro almost always contain an uncom himed and , and on this account would entainly be very injurious to a constitution labouring under an and Scatterin. For there are many persons whose Diseases arise from an accommutation of airs in the prima via and dways suffer an aggravation of them when they indulye in axist simbs. Some are so easily affected, that were and rapours inhaled, induce attachs of gout and other

and the in god by others in the it has highted from which contains a large proportion

concine of an apposite state of the system, which no South preguently occurs, in which and drinks might he unplayed with advantage. Many of the articles which we consume as food, contain considerable quantities of alkaline matter; and no good reason can be assigned why it may not accumulate as well as a Do . - Constituting what might be termed air Alkaline diathesis which may derange the functions of the digutive apparatus as effectually, as an undue assumutation of adv. In such incumstances and being the best and obser for alkalies, would constitute the proper class of remodies The praduction of gout has been athituted by some authors to seeme and other and drinks. But facts To not appear to warrant this conclusion. In those count tries where were is drawk most abundantly, and in Those dishicts where vast quantities of aguer and other and liquors are made and consumed, we do not find that gout prevails to any unusual extent, as we should infer on the contrary, France, Haly, and the again nettons of quat Britain and the Units States are unusually free from that Disease. although we do not blive that

counting course an about, get here is no doubt but had no me means of summed gradepation in indispense, many others, when lad to exist it may unknown to the shall share. Must begin sho have here changed with the same of meet, now with her much to the to the same of present proposed to extension. When me to have made from it and proposed to extension. When me found proposed from the most top are drawn more fifted, good also present to any other country of sumilar offices, good also present to a norm of somethy to any considerable extent, In prosons of somethy habits they but to produce obests, and prosons of somethy habits they but to produce obests, and problems are full what of the system, which for supposes to influence out full what of the system, which for supposes to influence and full what of the system, which for

are also charged with the foundation of thereing. May are also charged with the formation of thinary calculates to the high of this charge, much infrared of opinions has expiritely assumed the original of stone on about of inquiring was have made the virginal of stone or abject of inquiring with most fighter. Some constraining that Formation and marting that I formation and matter beginning one the most problem sources of talcular, while others questly aspectable, very be abordine and increasing contained of their assumed formers in this meaning contained for their assumed formers in this means. Now I believe, with a small homestathering

allowing for the pervision of facts caused by contro very and the enthusiam which it exertes we may say that both parties were right. Our know ledge of the chemical composition of those drinks, and the mode in which calculi are formed will mable us to assount for the fact and reconcile the apparent con tradiction. As they contain a large quantity of Carbonic and, and part with it readily whenever any of those substances are present with which this and unites and forms insoluble compounds, Then a precipitation will move of urtain carbonates (generally of some of the Cartho which finding a convenient nucleus of nides, soon as amulate so as to constitute disease. The analysis of some Calculi prove this to be their compassitions. But on the other hand, when in alkaline Featheris brevails, or when a Nove is formed abready; compased of such substances as are acted upon by Carbonic and, for ming with it soluble carbonates - then Malt liquors would be clearly indicated, forming a very pleasant and efficacions method of administering the and, to remove the disease. It must appear therefore, as Calculi are surposed of so many and such various substances, due multivally opposite to each other in Their orymical of

Some Some Hos

effecties, that he introduction of an aid wile the yohim may in one case be builtied, and in another agricious The experience of one shysician with mall ligures, may have been in a majority of patients of one Econip tion. While another has only sun the Eineare, when it arase entirely from a different state of the system of course their rapport of the same article as to its temperal or injurious landersey, must be directly opposite Matt lignors as general tonics and stimulants, appear puntiarly well adapted to the surking slage of of phus fiver, and other diseases of low actions. They wither may which may which may upon and in part love and vigour Sometimes removing Toware, and always confirming convalescence when once atab. his hid. They make an exallent drink in mony war of Dispersia, whereally those which wise from a long continued and excepive indulgence in adout finito. In cases of Mortification, which require towies and Thimulants, They are much superior to wine . as they possess an anodine as well as a stimul. and artion. and in Hable aleers they are very avoutageous by employed, giving love and soothing withation of the same time. I think, that they

might produce very good effects, applied both gonwally and topically in Initable When also. Menwalling principle with relieve a name the pairs, of while he carbonic and you would present to when chan had small on the second

But Plind that it would be an willes task, to enumerate all the various diseases in which this class of drinks are or might be burguial It will not be difficult for the provinces practitioner to Siturnine when and where they may be employed twith advantage. We shall not attempt our to glame at the Midual application of Livered on Ducos to Drinks. Tea coffee . It would afford ample rape for speculation - But our remarks have already bun Frawn out to a much greater lingth than we had intended. Even yet in order to close the subject prope erly we shoute be obliged to extend them much farther But as your patience must be already exacutied, I will only add one remark in relation to artificial Finhs generally - It is an acknow aged buth, that a combination of artain cause in way wenty, Narrothe drink. If their lumes a matter of qual1.60

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I view, that the choice should fall whom that one, which will be the last injurious to the morals, - health, and prosperity of the people - Physicians as the watchmen of the public health, and those but malified to judge, are called upon both by precept and example to patronice and establish the popularity of that drink, which is the least exceptionable. Patriolism entirely forties the use of foreign liquors. We should rather forther domestic labour, and domes the capital, even if it should be for the incouragement of an exceptionable layery. Umong the list of down who dinks, I think the choices would fall most happily upon malt liquors . - the consumption of which to the exclusion of their more intoxicating rivals, would very much preserve the public health and morals - replinish the public purse, and unrease the sum of individual happiness That man who originated the happy Thought of hewing her, was agreater himbacter to man and more richly viewes a rerealth of Laurel, Than he who adds throne to throne by the racrylice

I millions. He whom surver he was - form

in a northern clime, has prown, that injunisty and shake thought are not infinist to mild negligible and some shims but had even the rule north when shimleted to yearhow by an entering prid arthrony any mad propountly to removement to the mush the and arms in far rule more than most and arms a facility. That her heady some can never form the social corde arms of Barley her in far their storps of Barley her in far their storps of Barley her while the made seems of dutte lang synt" while the made her blast, chaust a sing to structure our the weather heart, chaust a sing to structure our the weather heart, chaust a sing to structure our the weather heart, manner of heir

